



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND APPARATUS FOR MANAGING RESOURCES

the specification of which (check one)

- [] is attached hereto.
- [X] was filed on March 30, 2004 as United States Application Serial No.: 10/812,511
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

	<u>Prior Foreign Application(s)</u>	Priority Not Claimed	Certified Copy Filed? YES	Certified Copy Filed? NO
(Number)	(Country)	(Day/Month/Year filed)	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	[]	[]
(Number)	(Country)	(Day/Month/Year filed)	[]	[]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry W. Chapin, Esq.	Reg. No. 39,934
David E. Huang, Esq.	Reg. No. 39,229
Paul E. Lewkowicz, Esq.	Reg. No. 44,870
Jeffrey J. Duquette, Esq.	Reg. No. 45,487
Christopher J. Lutz, Esq.	Reg. No. 44,883
Paul P. Kriz, Esq.	Reg. No. 45,752
David W. Rouille, Esq.	Reg. No. 40,150
James F. Thompson, Esq.	Reg. No. 36,699

of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, Massachusetts 01581 and

John M. Gunther, Reg. No. 26,175
Leanne J. Fitzgerald, Reg. No. 40,606
William R. Clark, Reg. No. 29,523
Penelope S. Wilson, Reg. No. 29,751
Krishnendu Gupta, Reg. No. 37,977
Robert Kevin Perkins, Reg. No. 36,634
Scott A. Oulette, Reg No. 38,573

of EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748.

I also hereby grant additional Powers of Attorney to all of the above-identified attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

Please send correspondence to: Barry W. Chapin, Esq.

Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581

Direct telephone calls to: Barry W. Chapin, Esq. Telephone No.: 508-366-9600

Direct facsimiles to: Barry W. Chapin, Esq. Facsimile No.: 508-616-9805

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name

first joint inventor Hanna Yehuda

Inventor's Signature Hanna Yehuda Date 8/3/04Residence 14 Selwyn Road, Newton, MA 02461Citizenship IsraelPost Office Address Same as above

second joint inventor JoAnne B. Hubbard

Inventor's Signature JoAnne Hubbard Date 8/10/04Residence 54 Prescott Road, Concord, MA 01742Citizenship United States of AmericaPost Office Address Same as above

third joint inventor Francois Gauvin

Inventor's Signature _____ Date _____

Residence 10 Forrester Street, Unit 2, Salem, MA 01970Citizenship CanadaPost Office Address Same as above

fourth joint inventor Elizabeth J. Phalen

Inventor's Signature Elizabeth J. Phalen Date 8/19/04Residence 166 South Street, Upton, MA 01568Citizenship United States of AmericaPost Office Address Same as above

fifth joint inventor Alan R. Schell

Inventor's Signature Alan R. Schell Date 8/3/04Residence 28 Nicholas Road, Hopkinton, MA 01748Citizenship United States of AmericaPost Office Address Same as above

sixth joint inventor Norris V Li
Inventor's Signature N Li Date 8/10/04
Residence 186 Chapel Street, Newton, MA 02458
Citizenship China (Hong Kong)
Post Office Address Same as above



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second joint inventor JoAnne B. Hubbard

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